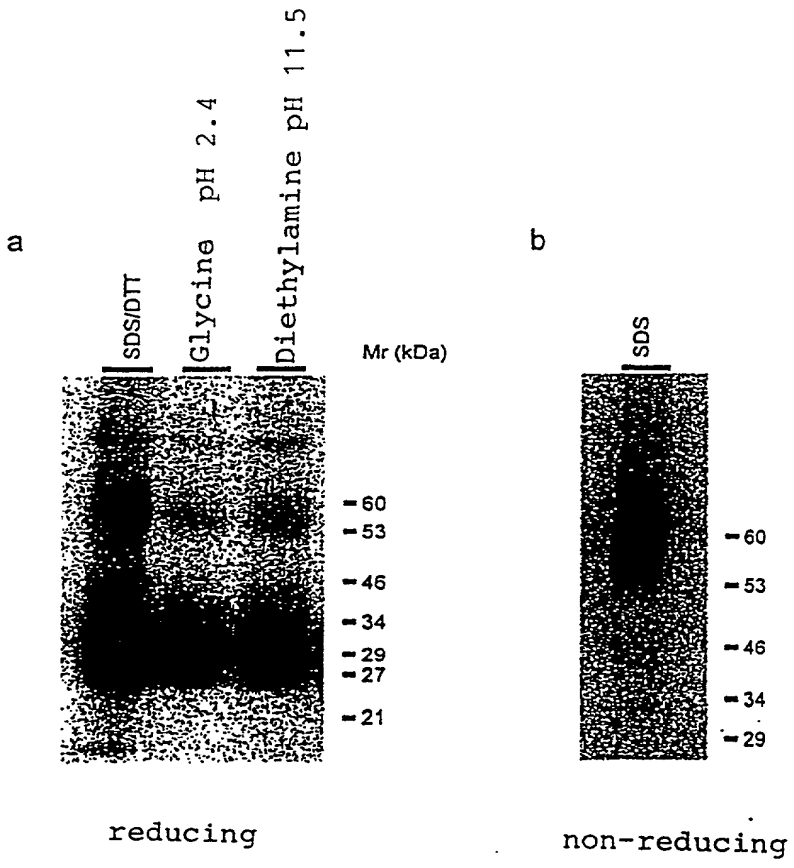

a
b
SDS/DTT
Glycine pH 2.4
Diethylamine pH 11.5
SDS
Mr (kDa)
60
53
46
34
29
27
21
60
53
46
34
29
reducing
non-reducing

FIG. 1

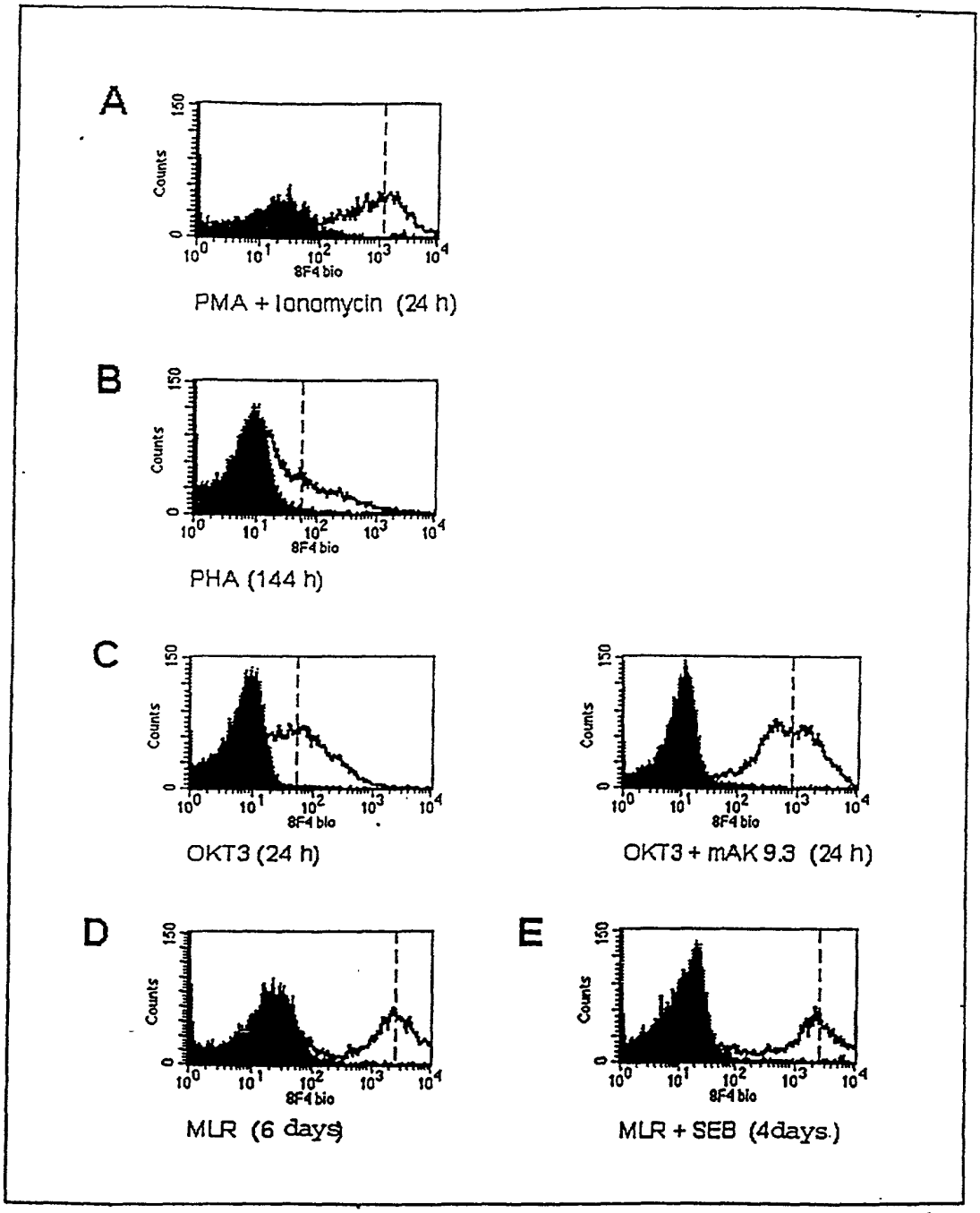

A
Counts
150
0
10^0 10^1 10^2 10^3 10^4
8F4 bio
PMA + Ionomycin (24 h)
B
Counts
150
0
10^0 10^1 10^2 10^3 10^4
8F4 bio
PHA (144 h)
C
Counts
150
0
10^0 10^1 10^2 10^3 10^4
8F4 bio
OKT3 (24 h)
Counts
150
0
10^0 10^1 10^2 10^3 10^4
8F4 bio
OKT3 + mAK 9.3 (24 h)
D
Counts
150
0
10^0 10^1 10^2 10^3 10^4
8F4 bio
MLR (6 days)
E
Counts
150
0
10^0 10^1 10^2 10^3 10^4
8F4 bio
MLR + SEB (4days.)

FIG. 2a

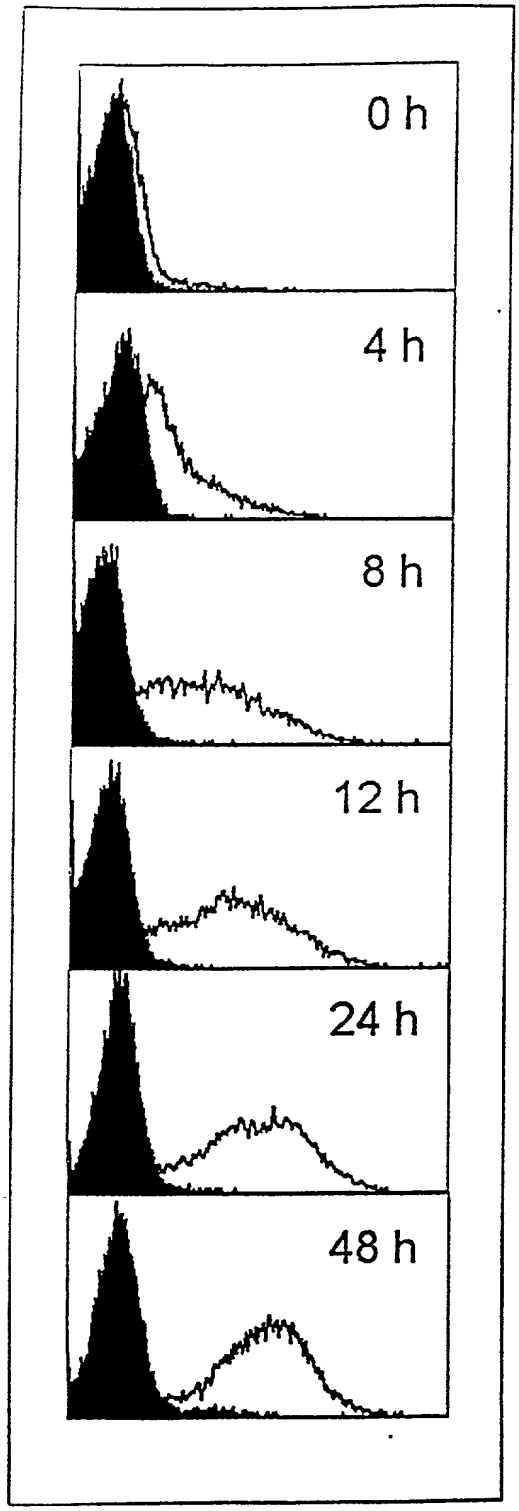


FIG. 2b

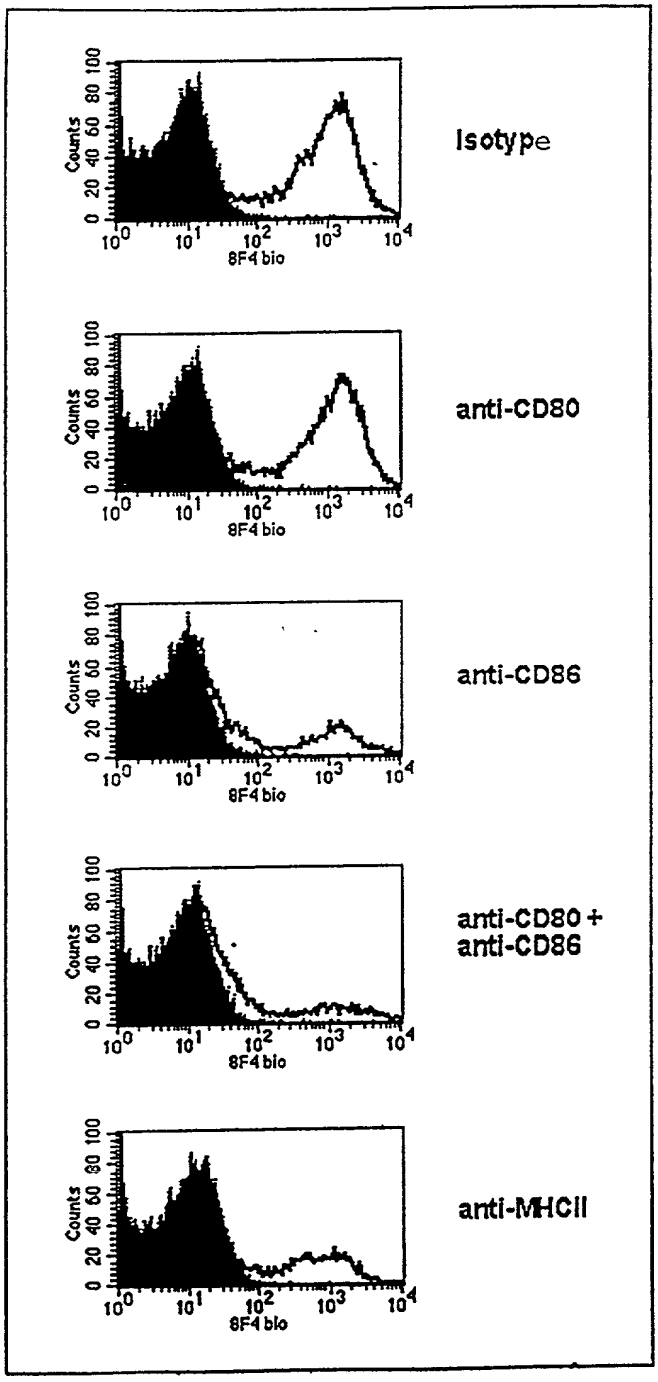

Counts
8F4 bio
Isotype
anti-CD80
anti-CD86
anti-CD80 +
anti-CD86
anti-MHCII

FIG. 3

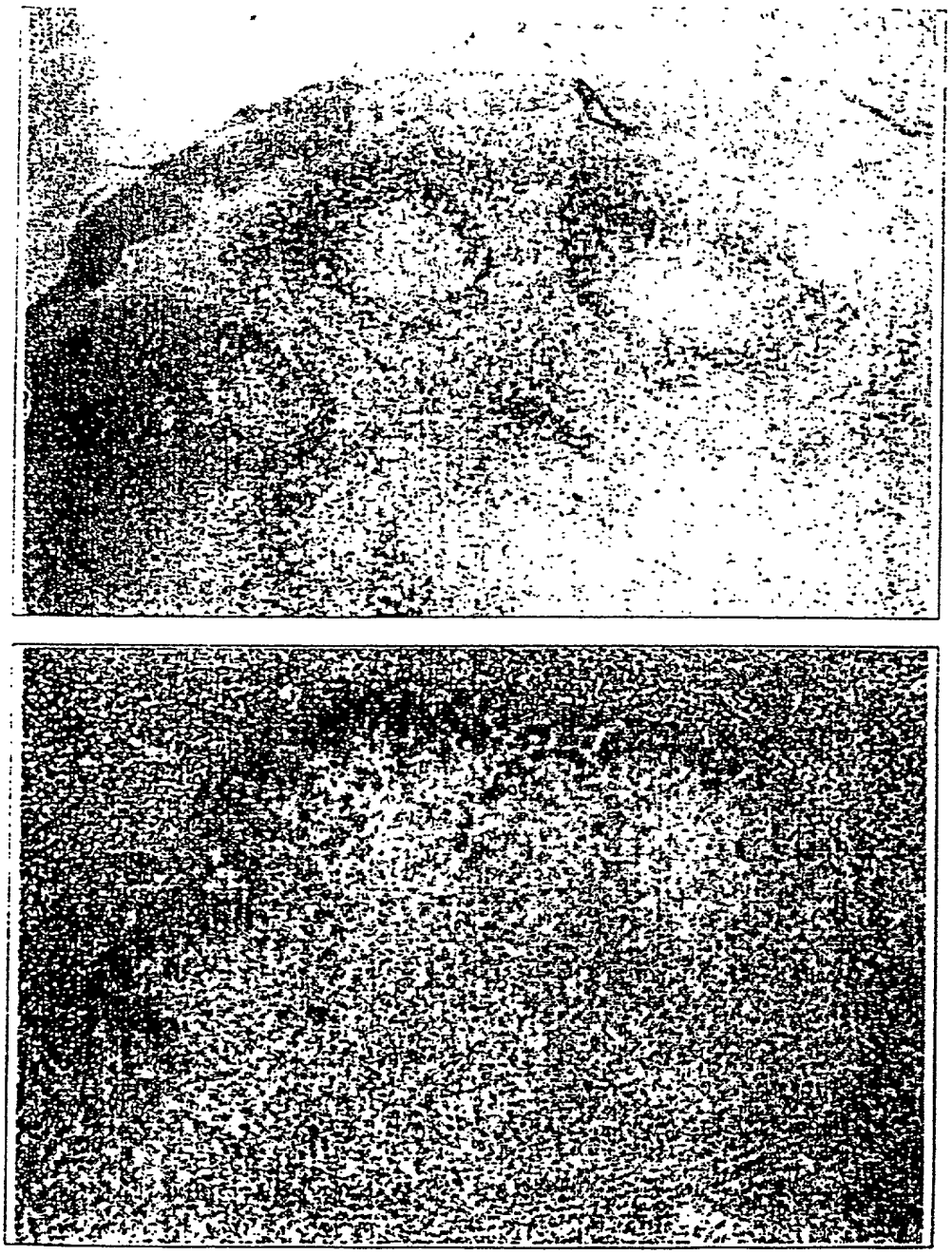


FIG. 4

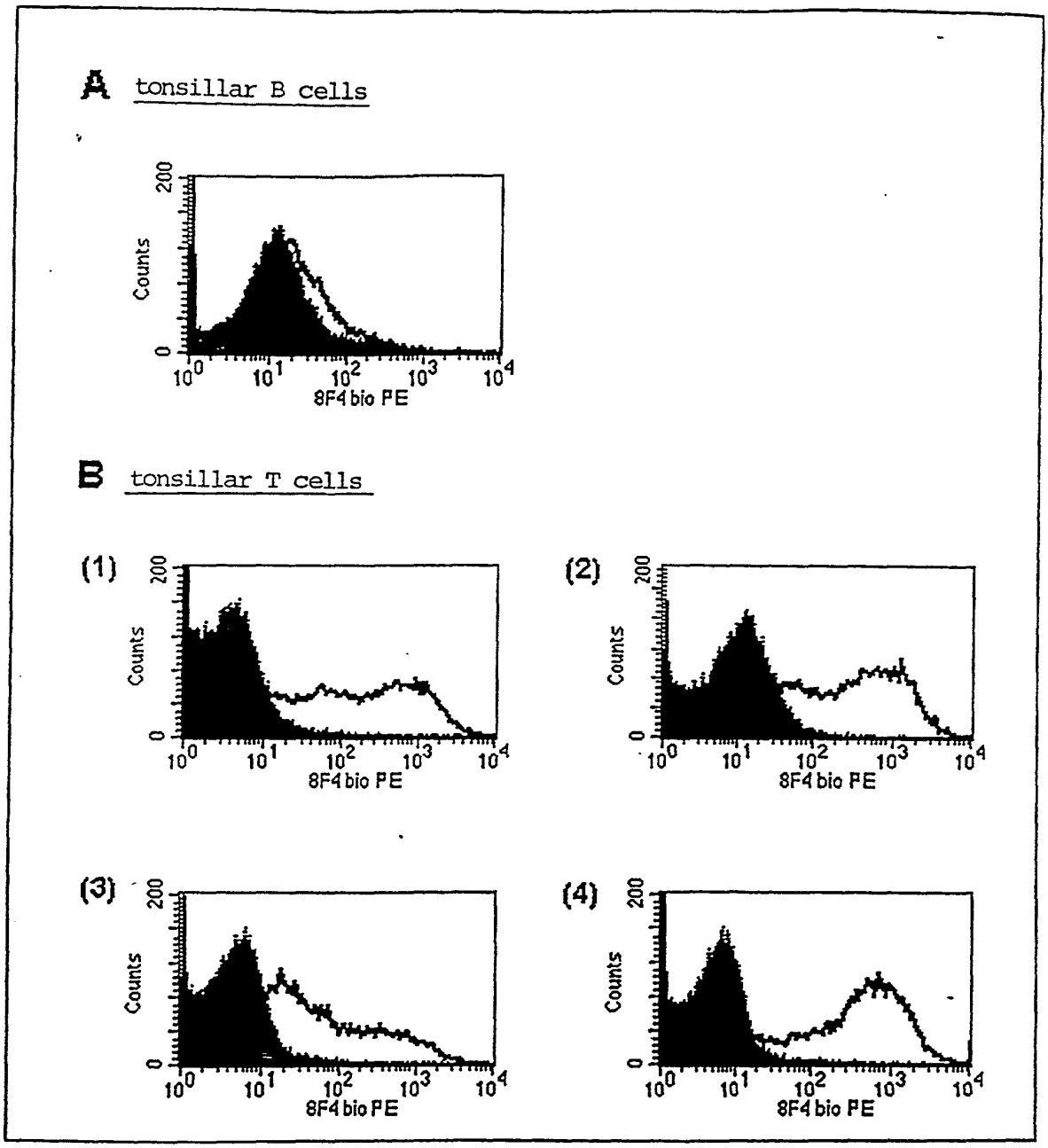

A tonsillar B cells
Counts
200
0
10^0 10^1 10^2 10^3 10^4
8F4 bio PE
B tonsillar T cells
(1)
(2)
(3)
(4)

FIG. 5

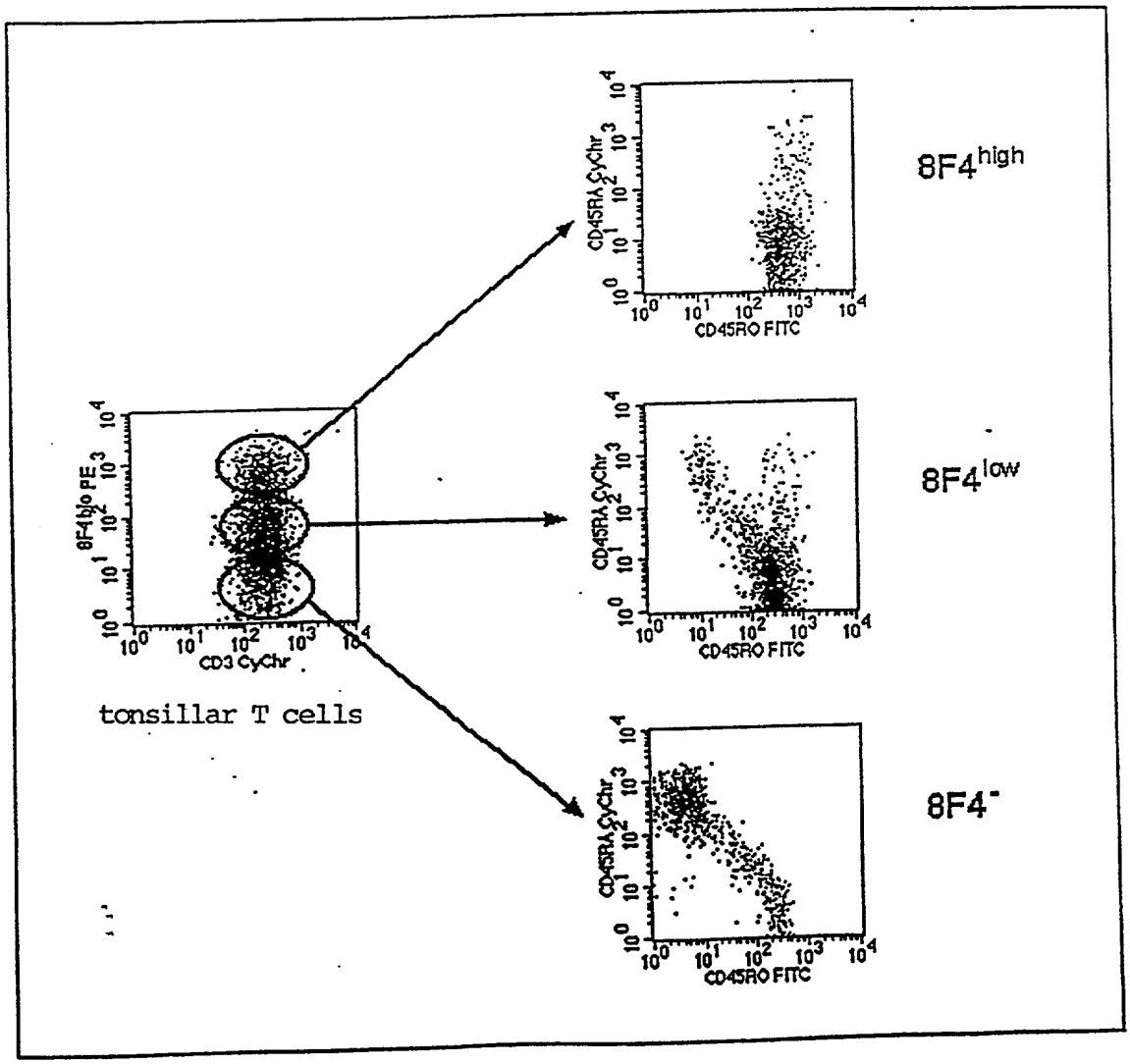

Counts
CD69 FITC
8F4 bjo PE
CD69 FITC
8F4 bjo PE
CD3 CyChr
tonsillar T cells
CD45RA CyChr
CD45RO FITC
8F4high
CD45RA CyChr
CD45RO FITC
8F4low
CD45RA CyChr
CD45RO FITC
8F4-

FIG. 6

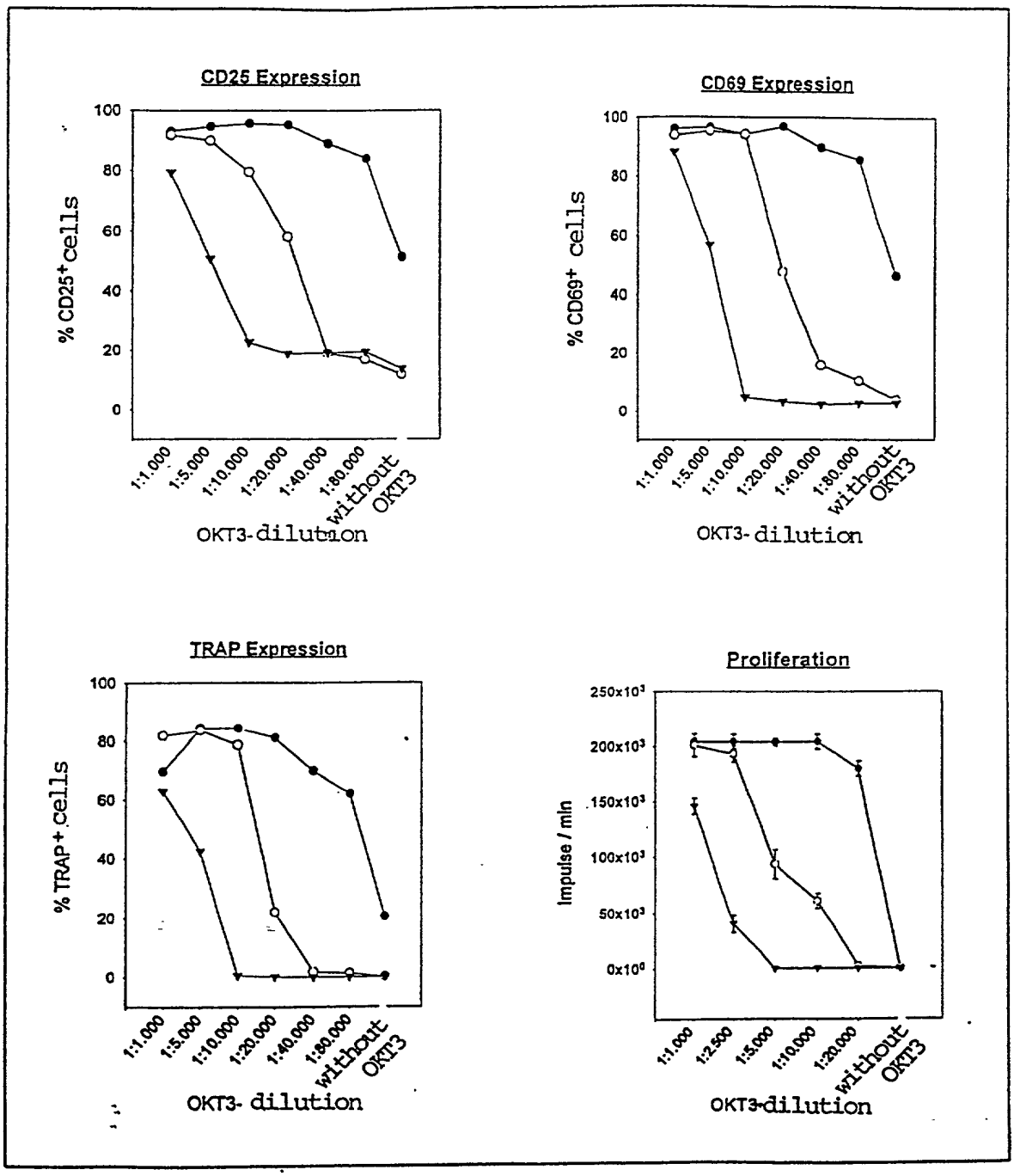

CD25 Expression
% CD25+ cells
100
80
60
40
20
0
1:1.000
1:5.000
1:10.000
1:20.000
1:40.000
1:80.000
without OKT3
OKT3-dilution
CD69 Expression
% CD69+ cells
100
80
60
40
20
0
1:1.000
1:5.000
1:10.000
1:20.000
1:40.000
1:80.000
without OKT3
OKT3- dilution
TRAP Expression
% TRAP+ cells
100
80
60
40
20
0
1:1.000
1:5.000
1:10.000
1:20.000
1:40.000
1:80.000
without OKT3
OKT3- dilution
Proliferation
Impulse / min
250x10³
200x10³
150x10³
100x10³
50x10³
0x10⁰
1:1.000
1:2.500
1:5.000
1:10.000
1:20.000
without OKT3
OKT3-dilution

FIG. 7

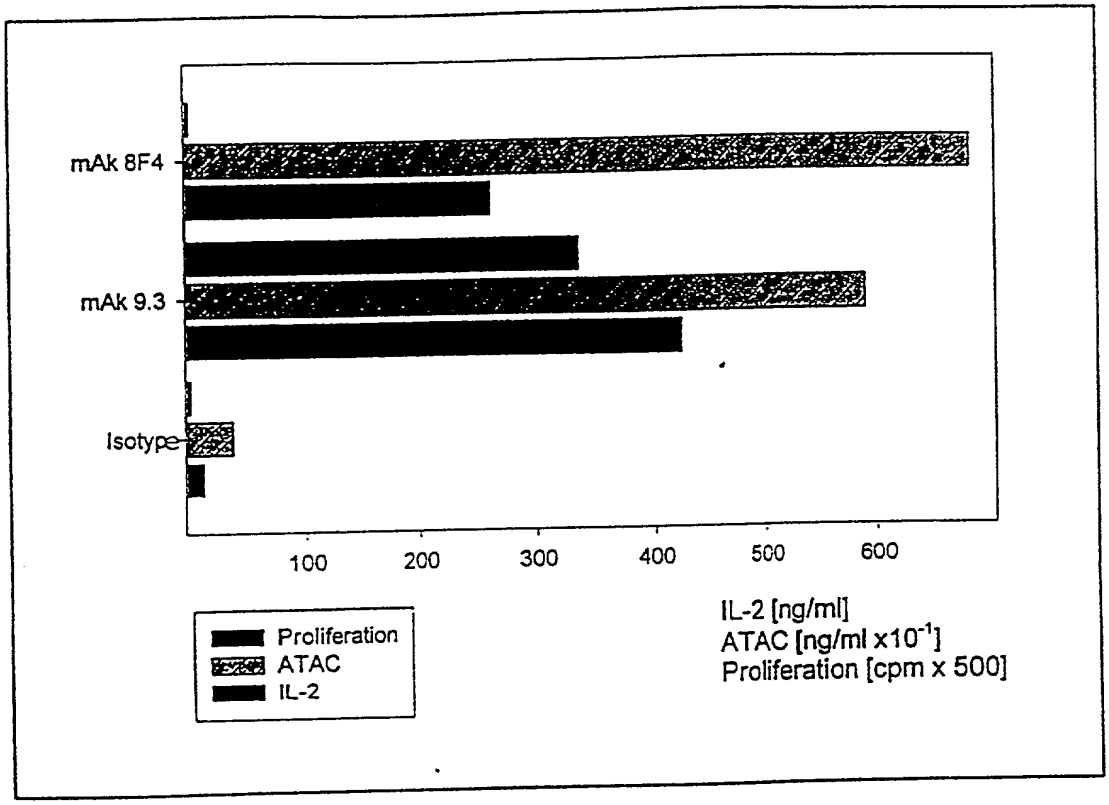

mAk 8F4
mAk 9.3
Isotype
100
200
300
400
500
600
Proliferation
ATAC
IL-2
IL-2 [ng/ml]
ATAC [ng/ml x10-1]
Proliferation [cpm x 500]

FIG. 8

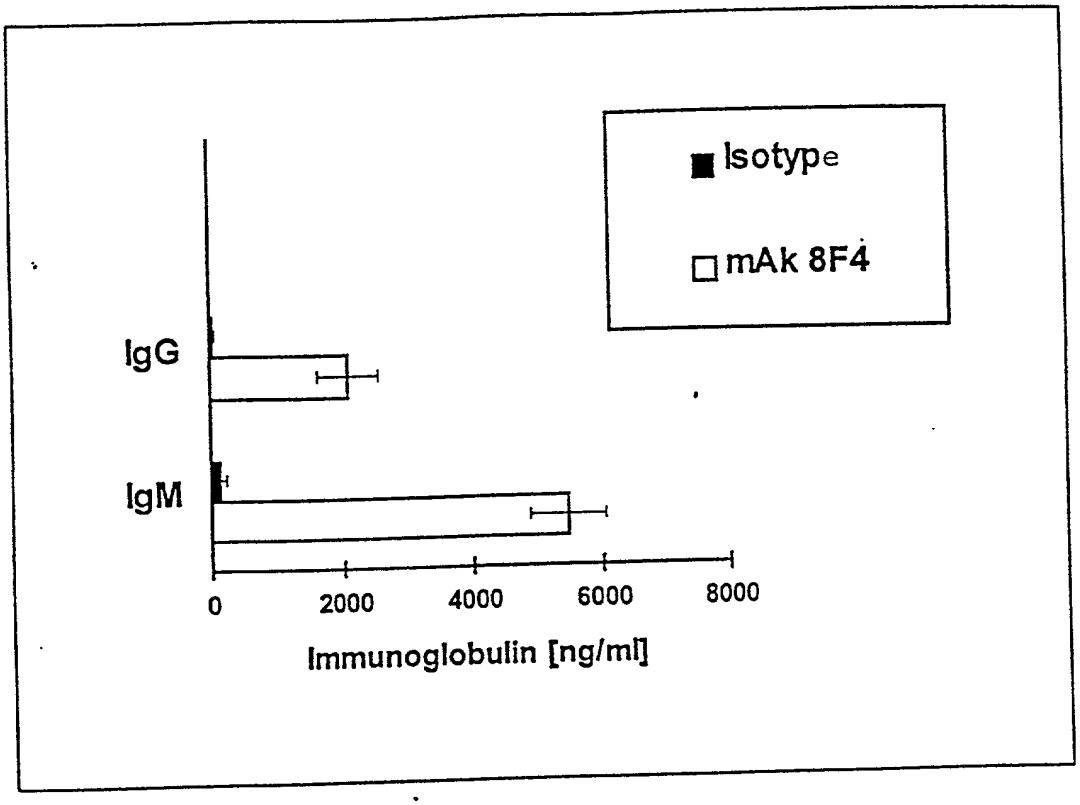

Isotype
mAk 8F4
IgG
IgM
0
2000
4000
6000
8000
Immunoglobulin [ng/ml]

FIG. 9

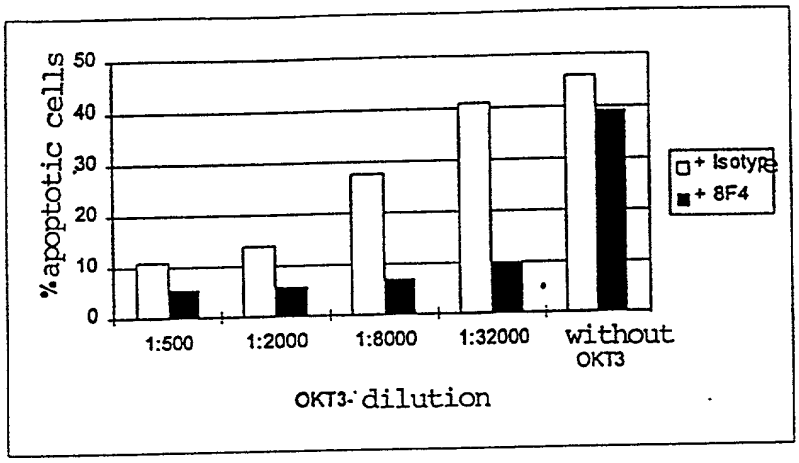

% apoptotic cells
50
40
30
20
10
0
1:500
1:2000
1:8000
1:32000
without OKT3
OKT3-dilution
+ Isotype
+ 8F4

FIG. 10

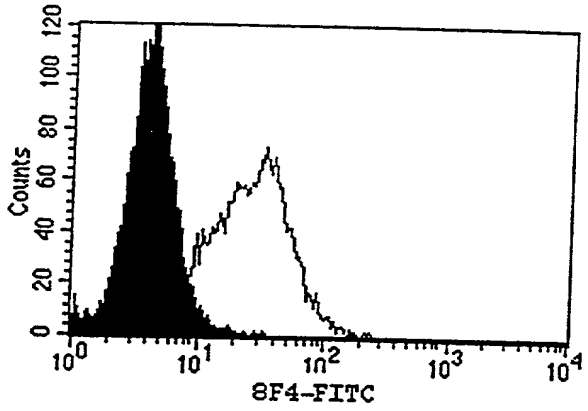


FIG. 11

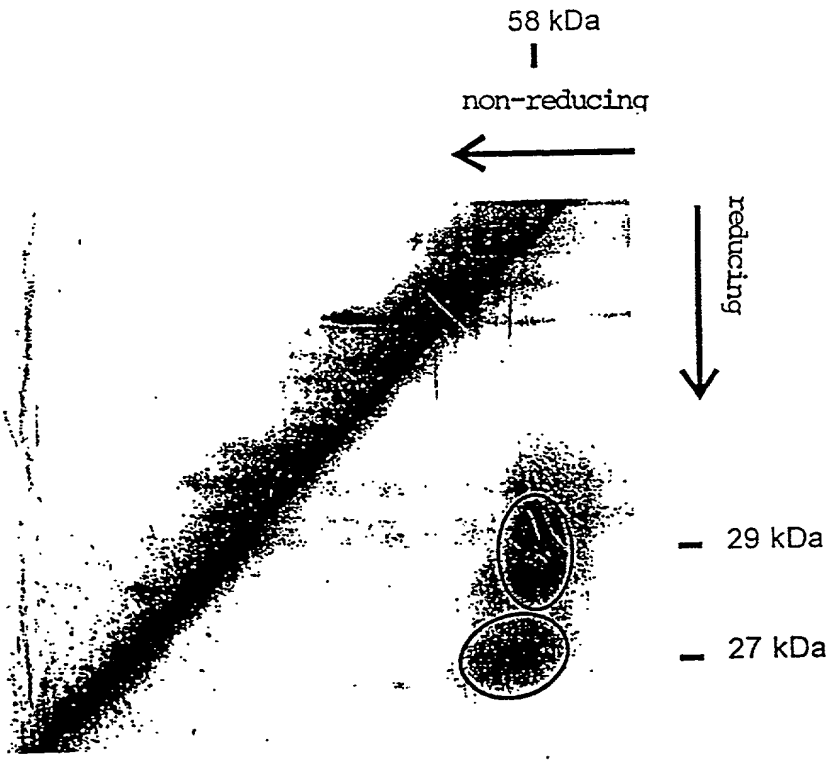


FIG. 12

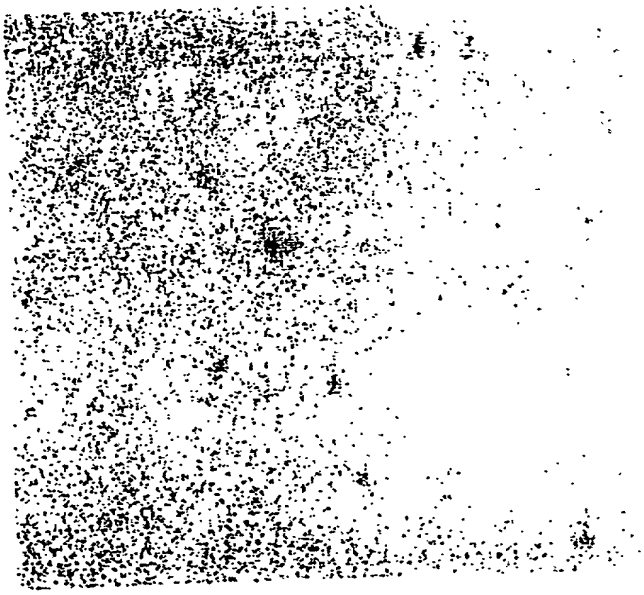
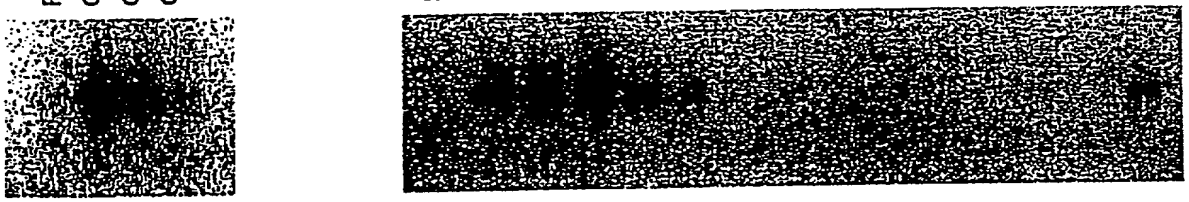


FIG. 13


PBL unstim.
CD4+ PMA+I
CD4+ PMA
CD4+ I
PBL unstim.
CD4+ PMA+I
NTC PMA+I 75 min.
NTC PMA+I 6 h
NTC PMA+I 20 h
NTC PMA+I 60 h
MOLT-4
CEM
HUT-102
HUT-78
Jurkat
DG75
Karpas 299
DEL
MOLT-4V

A B

FIG. 14

MKSGLWYFFLFCLRIKVLTGEINGSANYEMFIFHNGGVQILCKYPDIVQQFKMQLL
KGGQILCDLTKTKGSGNTVSIKSLKFCHSQLSNNSVSFFLYNLDHSHANYYFCNLSI
FDPPPFKVTLTGGYLHIYESQLCCQLKFWLPIGCAAFVVVCILGCILICWLTKKKYS
SSVHDPNGEYMFMRAVNTAKKSRLTDVTL

FIG. 15

CGAGAGCCTGAATTCACTGTCAGCTTTGAACACTGAACGCGAGGACTGTTAACTGTTTCT
GGCAAACATGAAGTCAGGCCTCTGGTATTTCTTTCTCTTCTGCTTGCGCATTAAAGTTTT
AACAGGAGAAATCAATGGTTCTGCCAATTATGAGATGTTTATATTTCACAACGGAGGTGT
ACAAATTTTATGCAAATATCCTGACATTGTCCAGCAATTTAAAATGCAGTTGCTGAAAGG
GGGGCAAATACTCTGCGATCTCACTAAGACAAAAGGAAGTGGAAACACAGTGTCCATTAA
GAGTCTGAAATTCTGCCATTCTCAGTTATCCAACAACAGTGTCTCTTTTTTTCTATACAA
CTTGGACCATTCTCATGCCAACTATTACTTCTGCAACCTATCAATTTTTGATCCTCCTCC
TTTTAAAGTAACTCTTACAGGAGGATATTTGCATATTTATGAATCACAACTTTGTTGCCA
GCTGAAGTTCTGGTTACCCATAGGATGTGCAGCCTTTGTTGTAGTCTGCATTTTGGGATG
CATACTTATTTGTTGGCTTACAAAAAAGAAGTATTCATCCAGTGTGCACGACCCTAACGG
TGAATACATGTTCATGAGAGCAGTGAACACAGCCAAAAAATCTAGACTCACAGATGTGAC
CCTATAATATGGAACTCTGGCACCCAGGCATGAAGCACGTTGGCCAGTTTTCCTCAACTT
GAAGTGCAAGATTCTCTTATTTCCGGGACCACGGAGAGTCTGACTTAACTACATACATCT
TCTGCTGGTGTTTTGTTCAATCTGGAAGAATGACTGTATCAGTCAATGGGGATTTTAACA
GACTGCCTTGGTACTGCCGAGTCCTCTCAAAACAAACACCCTCTTGCAACCAGCTTTGGA
GAAAGCCCAGCTCCTGTGTGCTCACTGGGAGTGGAATCCCTGTCTCCACATCTGCTCCTA
GCAGTGCATCAGCCAGTAAAACAAACACATTTACAAGAAAAATGTTTTAAAGATGCCAGG
GGTACTGAATCTGCAAAGCAAATGAGCAGCCAAGGACCAGCATCTGTCCGCATTTCACTA
TCATACTACCTCTTCTTTCTGTAGGGATGAGAATTCCTCTTTTAATCAGTCAAGGGAGAT
GCTTCAAAGCTGGAGCTATTTTATTTCTGAGATGTTGATGTGAACTGTACATTAGTACAT
ACTCAGTACTCTCCTTCAATTGCTGAACCCCAGTTGACCATTTTACCAAGACTTTAGATG
CTTTCTTGTGCCCTCAATTTTCTTTTTAAAAATACTTCTACATGACTGCTTGACAGCCCA
ACAGCCACTCTCAATAGAGAGCTATGTCTTACATTCTTTCCTCTGCTGCTCAATAGTTTT
ATATATCTATGCATACATATATACACACATATGTATATAAAATTCATAATGAATATATTT
GCCTATATTCTCCCTACAAGAATATTTTTGCTCCAGAAAGACATGTTCTTTTCTCAAATT
CAGTTAAAATGGTTTACTTTGTTCAAGTTAGTGGTAGGAAACATTGCCCGGAATTGAAAG
CAAATTTATTTTATTATCCTATTTTCTACCATTATCTATGTTTTCATGGTGCTATTAATT
ACAAGTTTAGTTCTTTTTGTAGATCATATTAAAATTGCAAACAAAATCATCTTTAATGGG
CCAGCATTCTCATGGGGTAGAGCAGAATATTCATTTAGCCTGAAAGCTGCAGTTACTATA
GGTTGCTGTCAGACTATACCCATGGTGCCTCTGGGCTTGACAGGTCAAAATGGTCCCCAT
CAGCCTGGAGCAGCCCTCCAGACCTGGGTGGAATTCCAGGGTTGAGAGACTCCCCTGAGC
CAGAGGCCACTAGGTATTCTTGCTCCCAGAGGCTGAAGTCACCCTGGGAATCACAGTGGT
CTACCTGCATTCATAATTCCAGGATCTGTGAAGAGCACATATGTGTCAGGGCACAATTCC
CTCTCATAAAAACCACACAGCCTGGAAATTGGCCCTGGCCCTTCAAGATAGCCTTCTTTA
GAATATGATTTGGCTAGAAAGATTCTTAAATATGTGGAATATGATTATTCTTAGCTGGAA
TATTTTCTCTACTTCCTGTCTGCATGCCCAAGGCTTCTGAAGCAGCCAATGTCGATGCAA
CAACATTTGTAACTTTAGGTAAACTGGGATTATGTTGTAGTTTAACATTTTGTAACTGTG
TGCTTATAGTTTACAAGTGAGACCCGATATGTCATTATGCATACTTATATTATCTTAAGC
ATGTGTAATGCTGGATGTGTACAGTACAGTACTGAACTTGTAATTTGAATCTAGTATGGT
GTTCTGTTTTCAGCTGACTTGGACAACCTGACTGGCTTTGCACAGGTGTTCCCTGAGTTG
TTTGCAGGTTTCTGTGTGTGGGGTGGGGTATGGGGAGGAGAACCTTCATGGTGGCCCACC
TGGCCTGGTTGTCCAAGCTGTGCCTCGACACATCCTCATCCCCAGCATGGGACACCTCAA
GATGAATAATAATTCACAAAATTTCTGTGAAATCAAATCCAGTTTTAAGAGGAGCCACTT
ATCAAAGAGATTTTAACAGTAGTAAGAAGGCAAAGAATAAACATTTGATATTCAGCAACT
G

FIG. 16